

CLAIM LISTING**CLAIMS**

What is claimed is:

[A golf putter comprising:]

1. 1. (Currently Amended) A golf putter comprising [A] a shaft with a top end and a bottom end, said top end enclosed by a grip
2. and said bottom end fixedly attached to a head at an angle ten degrees or greater
3. from a direction perpendicular to said head and a longitudinal axis extending
4. from said top end to said bottom end;
1. 2. (Currently amended) A head having mass, a center of gravity, a top face having an alignment
2. means, a bottom face having a narrow sole and rearwardly and upwardly
3. extending doze portion, a front striking face having a non radial curvature and a
4. sweet spot, a rear section sculpted [(having a cut out)] for concentrating said mass at a point of
5. attachment of a shaft, a heel section and a distal toe section .
1. 3. (Withdrawn) The head of Claim 2 wherein said center of gravity is midway between
2. said heel and distal toe sections at a point along a longitudinal axis of a shaft.
1. 4. (Original) The head of Claim 2 wherein said top face has an alignment means
2. extending in a radial arc from said front face wherein a fulcrum of said arc is
3. centered at said center of gravity of said head and defines said sweet spot.
1. 5. (Original) The head of Claim 2 wherein said bottom face has a narrow sole.
1. 6. (Original) The head of Claim 2 wherein said bottom face has a rearwardly and
2. upwardly extending doze.
1. 7. (Original) The doze of Claim 6 wherein said doze extends upwardly and rearwardly
2. at an angle of greater than 10 degrees from a horizontal plane.
1. 8. (Original) The head of Claim 2 wherein said front striking face has a surface forming
2. a non- radial curvature vertically extending across said front striking face and a
3. non-radial curvature horizontally extending across said front striking face
4. whereby when a golf ball having a surface is struck by said front striking face

5 surface, a one degree loft is imparted to said golf ball over a larger impact zone
6 regardless of where on said front striking surface said front striking surface
7 intersects said golf ball surface at a moment of impact.

1 9. (Original) The front striking face surface of Claim 8 wherein said vertically and
2 horizontally extending non-radial curvatures are defined by an arc derived from a
3 smoothing of a series of individual non-radial surfaces across said front striking
4 face.

1 10. (Original) The individual non-radial surfaces of Claim 9 whereby each non-radial
2 surface is defined by an non-radial curvature individually formulated to provide a
3 surface which when in contact with said golf ball surface imparts a one degree loft
4 to said golf ball regardless of where on said front striking face surface said front striking face surface
5 intersects said golf ball surface at a moment of impact.

1 11. (Currently amended) The rear section of Claim 2 wherein said sculpted rear section [[cut out]] removes
2 mass from said head whereby said center of gravity is concentrated at an entry point of said shaft
3 along said longitudinal axis of said shaft rearward of said front face, enabling a pendulum swing by a
4 golfer.

1 12. (Withdrawn) The entry point of Claim 11 wherein said entry point is located at a point
2 midway between said heel and said toe portions of said putter head.

1 13. (Original) The individual non-radial surfaces of Claim 9 whereby each non-radial
2 surface is defined by an non-radial curvature individually formulated to provide a
3 surface which when in contact with said golf ball surface imparts a one degree loft
4 to said golf ball regardless of where on said front striking face surface said front
5 striking face surface intersects said golf ball surface at a moment of impact.

[A golf putter comprising:]

14. (Currently Amended) A golf putter comprising: [A] a shaft with a top end and a bottom end, said
bottom end fixedly attached to a head and a longitudinal axis extending from said top end to said bottom end;

15. (Original) A head having mass, a center of gravity, a top face having an alignment
1 means, a bottom face having a narrow sole and rearwardly and upwardly

2. extending doze portion, a front striking face having a non-radial curvature and a
 3. sweet spot, a rear section and a distal toe section.
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- 1 16. (Withdrawn) The head of Claim 15 wherein said center of gravity may be at any point
 - 2 between said heel and distal toe sections along a longitudinal axis of said shaft.
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- 1 17. (Original) The head of Claim 15 wherein said top face has an alignment means
 - 2 extending in a non-radial arc from said front face wherein a fulcrum of said non-
 - 3 radial arc is centered at said center of gravity of said head and defines said sweet
 - 4 spot.
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- 1 18. (Original) The head of Claim 15 wherein said bottom face has a rearwardly and
 - 2 upwardly extending doze.
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- 1 19. (Original) The doze of Claim 18 wherein said doze extends upwardly and rearwardly
 - 2 at an angle of greater than 10 degrees from a horizontal plane.
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- 1 20. (Original) The head of Claim 15 wherein said front striking face has a surface
 - 2 forming a non- radial curvature vertically extending across said front striking face
 - 3 and a one degree loft is imparted to said golf ball regardless of where on said
 - 4 golf ball surface said front striking surface intersects said golf ball surface
 - 5 at a moment of impact.
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- 1 21. (Original) The front striking face surface of Claim 20 wherein said vertically and
 - 2 horizontally extending radial curvatures are defined by an arc derived from a
 - 3 smoothing of a series of individual non-radial surfaces across said front striking
 - 4 face.
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- 1 22. (Original) The individual non-radial surfaces of Claim 21 whereby each non-radial
 - 2 surface is defined by an non-radial contour individually formulated to provide a
 - 3 surface which when in contact with said golf ball surface imparts a one degree loft
 - 4 to said golf ball regardless of where on said front striking face surface said front striking surface intersects
 - 5 said golf ball surface at a moment of impact.
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- 1 23. (Currently amended) The rear section of Claim 15 wherein said sculpted portion [[cut out]]

- 2 removes mass from said head whereby said center of gravity is concentrated at an entry point of said shaft
- 3 along said longitudinal axis of said shaft rearward of said front face, enabling a
- 4 pendulum swing by a golfer.

- 1 24. (Original) The entry point of Claim 23 wherein said entry point is located at a point
- 2 between said heel and said toe portions of said putter head.

- 1 25. (Withdrawn) The putter head of Claim 15 being composed of metallic or non-metallic
- 2 materials.

[A golf putter head comprising:]

- 1 26. (Currently Amended) A golf putter comprising: [A] a head having a top face with an alignment
- means, a bottom face, a front
- 2 striking face having a non-radial curvature, a sweet spot and a rear section.

- 1 27. (Original) The head of Claim 26 wherein said top face has an alignment means
- 2 extending in a non-radial arc from said front face wherein a fulcrum of said non-
- 3 radial arc defines said sweet spot.

- 1 28. (Original) The head of Claim 26 wherein said front striking face has a surface
- 2 forming a non-radial curvature vertically extending across said front striking face
- 3 and a one degree loft is imparted to said golf ball regardless of where on said
- 4 front striking face surface said front striking surface intersects said golf ball surface at a moment of impact.

- 1 29. (Original) The front striking face surface of Claim 28 wherein said vertically and
- 2 horizontally extending non-radial curvatures are defined by an arc derived from a
- 3 smoothing of a series of individual non-radial contours across said front striking
- 4 face.

- 1 30. (Original) The individual non-radial surfaces of Claim 29 whereby each non-radial
- 2 surface is defined by a non-radial curve individually formulated to provide a
- 3 surface which when in contact with said golf ball surface imparts a one degree loft
- 4 to said golf ball regardless of where on said front striking face surface said front
- 5 striking face surface intersects said golf ball surface at a moment of impact.